

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,079,523 B2  
APPLICATION NO. : 09/775305  
DATED : July 18, 2006  
INVENTOR(S) : G. Rodney Nelson, Jr.

Page 1 of 11

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The Title Page, showing an illustrative figure, should be deleted and substitute therefor the attached title page.

Delete drawing sheets 1-9 and substitute therefor the drawing sheets, consisting of figs. 1-9 as shown on the attached page.

Signed and Sealed this

Fifth Day of June, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*

(12) **United States Patent**  
Nelson, Jr. et al.

(10) Patent No.: **US 7,079,523 B2**  
(45) Date of Patent: **Jul. 18, 2006**

(54) **MAINTENANCE LINK USING  
ACTIVE/STANDBY REQUEST CHANNELS**

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*Primary Examiner*—Huy D. Vu

*Assistant Examiner*—Daniel Ryman

(74) *Attorney, Agent, or Firm*—Hamilton, Brook, Smith & Reynolds, P.C.

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 813 days.

(21) Appl. No.: 09/775,305

(22) Filed: Feb. 1, 2001

(65) **Prior Publication Data**  
US 2002/0080024 A1 Jun. 27, 2002

**Related U.S. Application Data**

(60) Provisional application No. 60/180,598, filed on Feb. 7, 2000.

(51) **Int. Cl.**  
H04B 7/216 (2006.01)  
G08C 17/00 (2006.01)

(52) **U.S. Cl.** ..... 370/342; 370/441

(58) **Field of Classification Search** ..... 370/320,  
370/335, 441, 479  
See application file for complete search history.

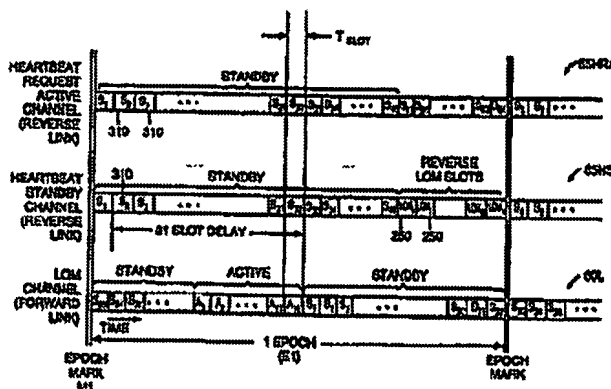
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10 Claims, 9 Drawing Sheets



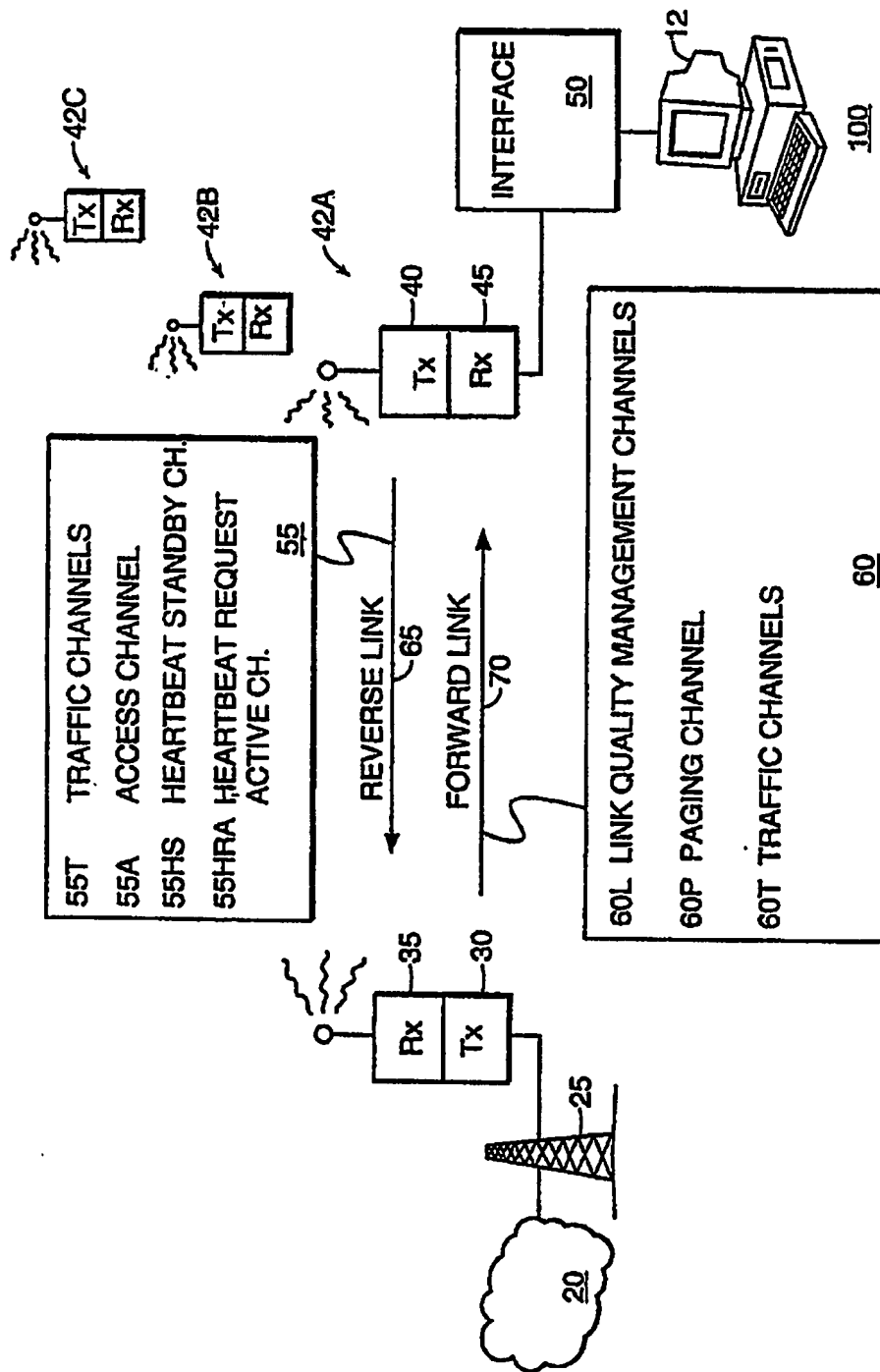


FIG. 1



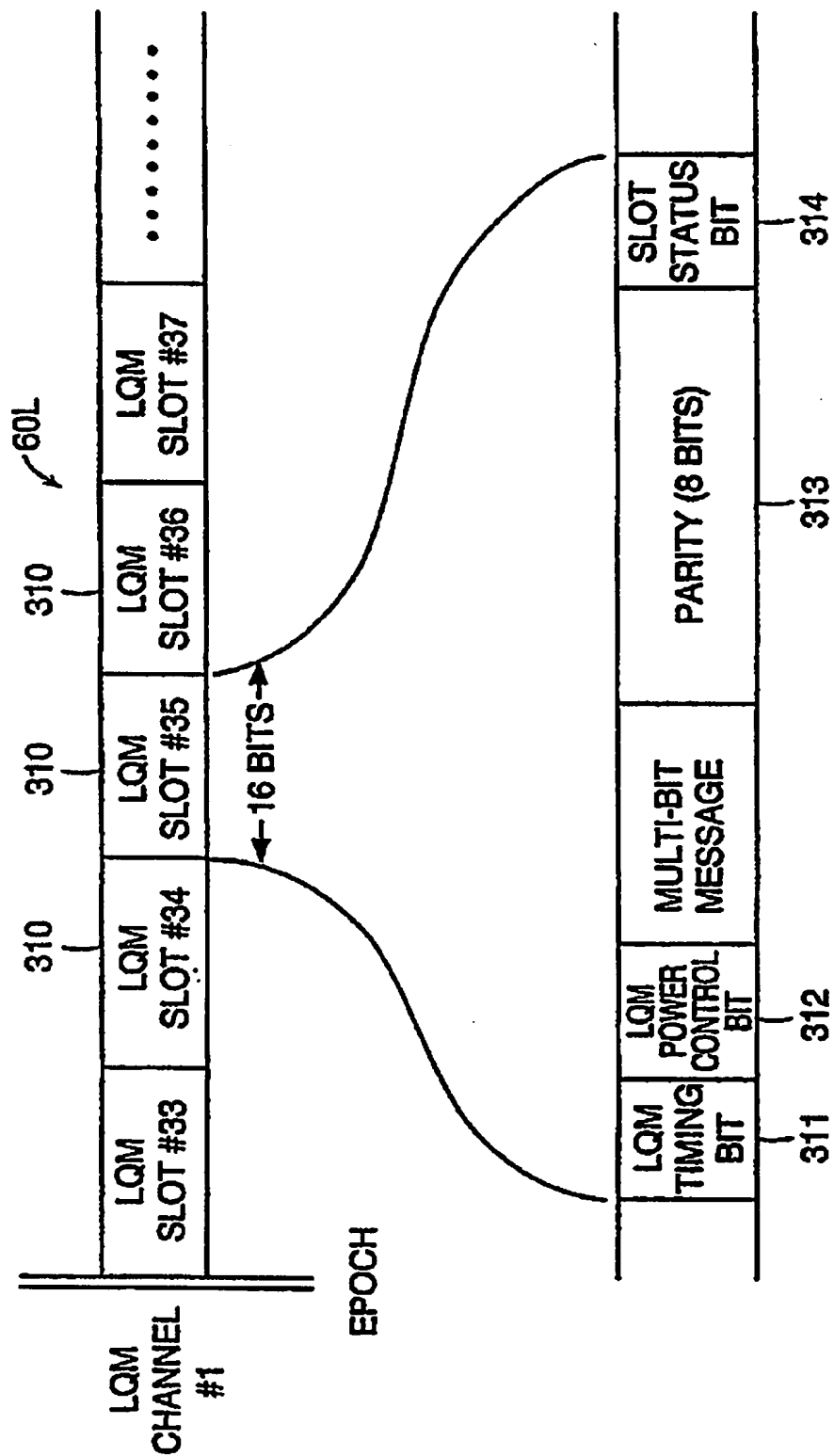


FIG. 3

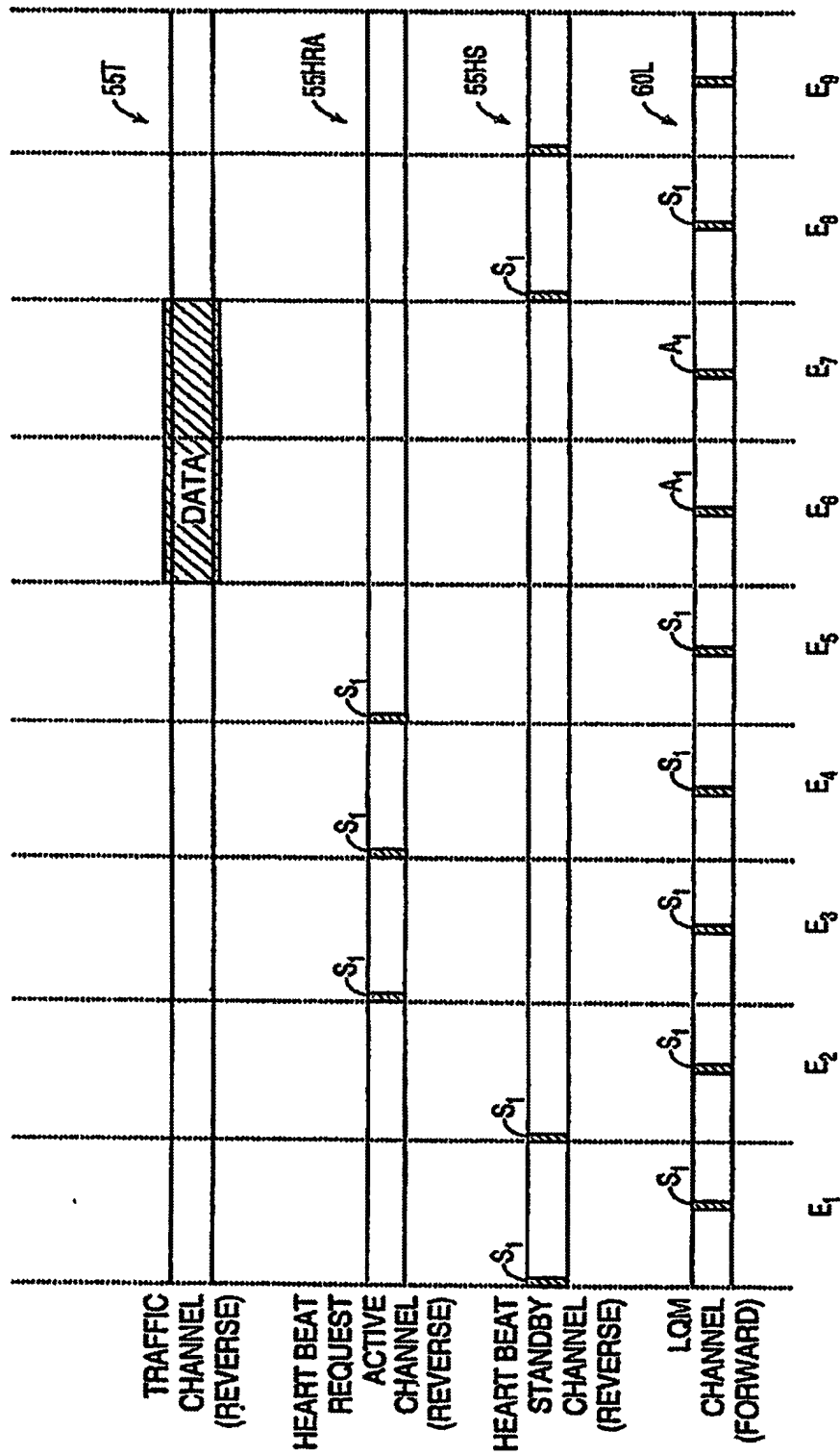
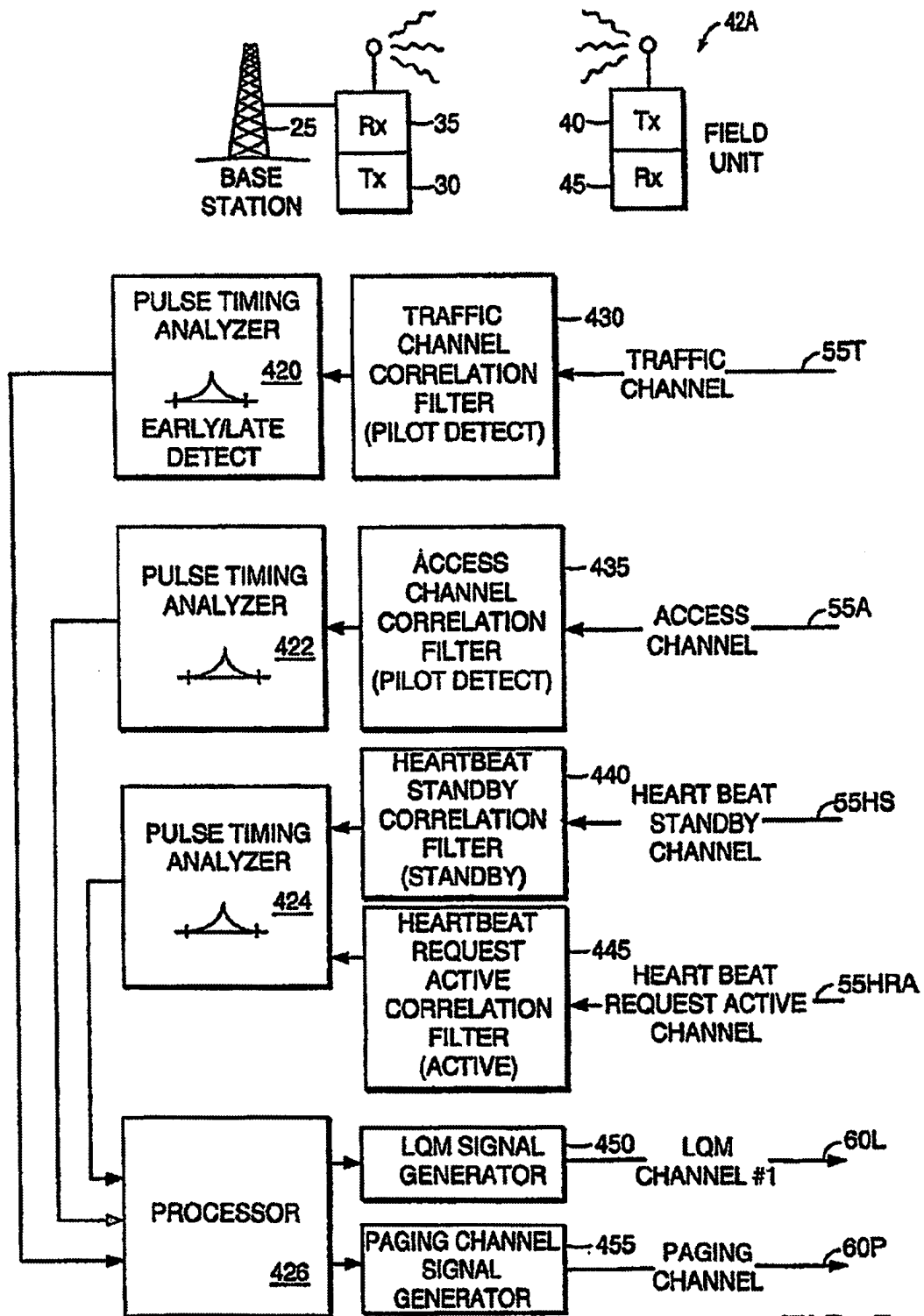


FIG. 4



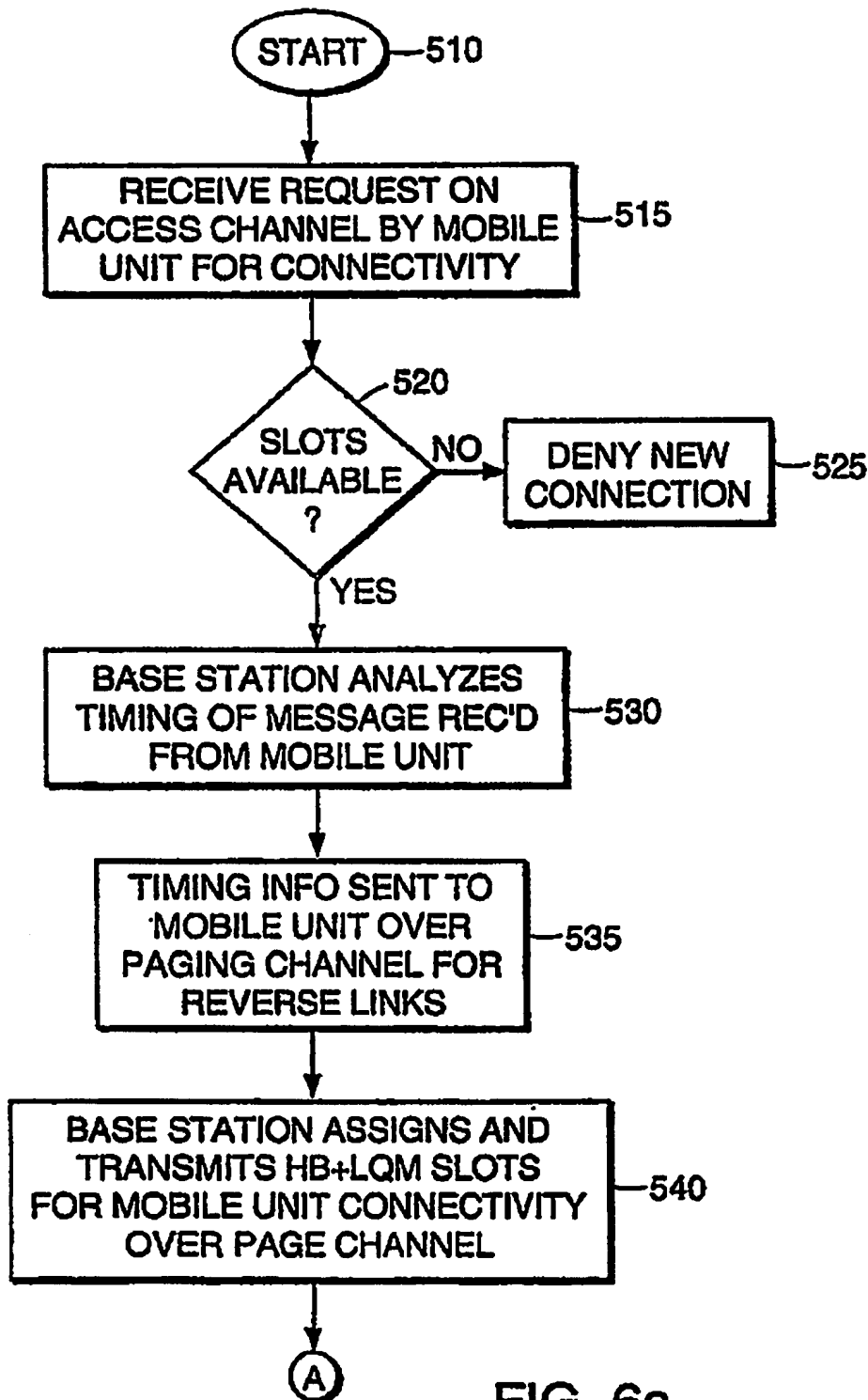
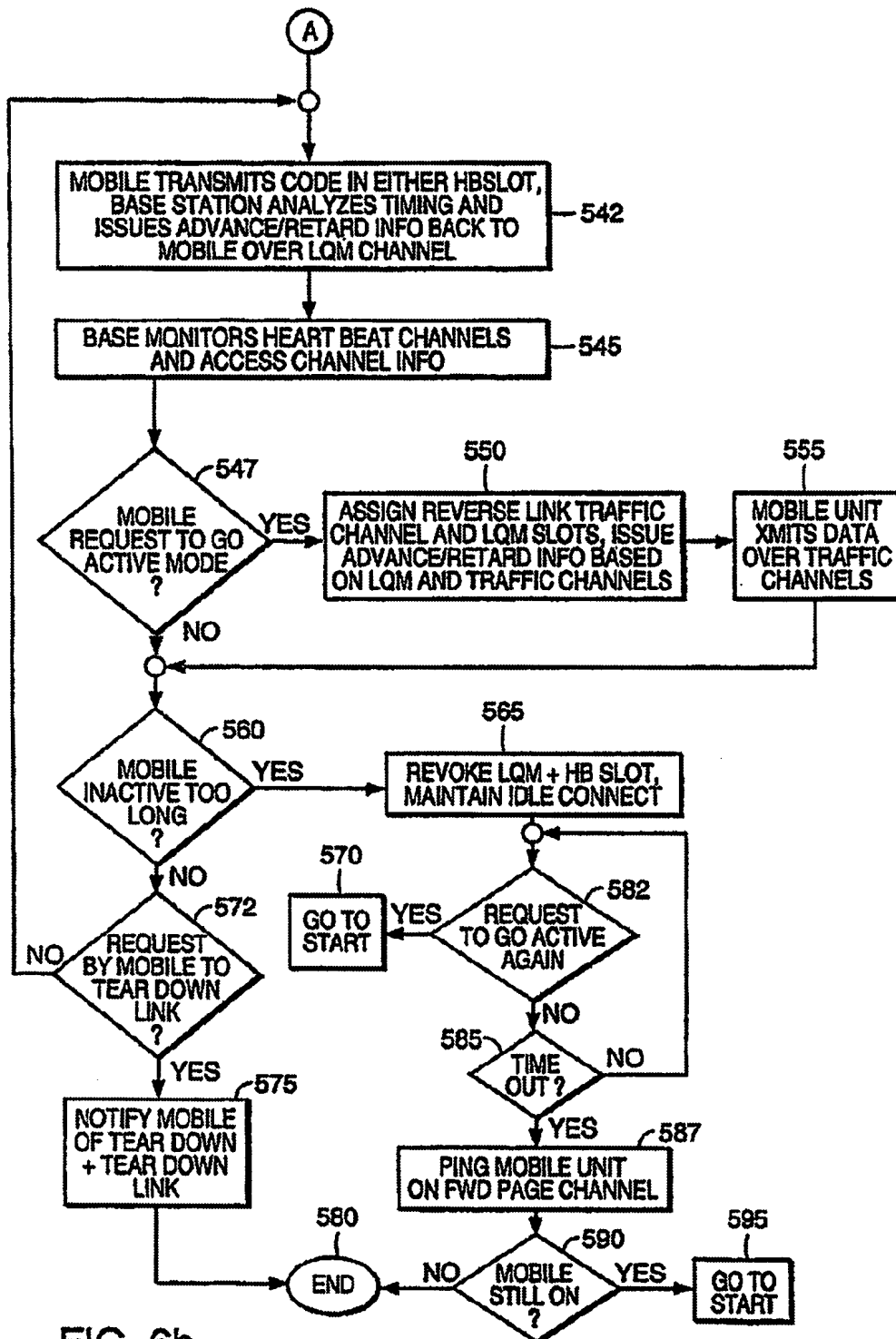


FIG. 6a





SUBSCRIBER MODE	SYNCHRONIZATION CHANNELS	TIMING REFERENCE IN REVERSE LINK	ASSIGNMENT OF TRAFFIC CHANNELS FOR DATA TRANSMISSIONS
ACTIVE	LQM + TRAFFIC	PILOT SYMBOL SEQUENCE IN TRAFFIC CHANNEL	YES
STANDBY	LQM + HEARTBEAT OR LQM + HEARTBEAT - REQUEST	UNIQUE CODE OF HEARTBEAT STANDBY CHANNEL OR UNIQUE CODE OF HEARTBEAT REQUEST ACTIVE CH.	NO
IDLE	NONE	NONE	NO

FIG. 8

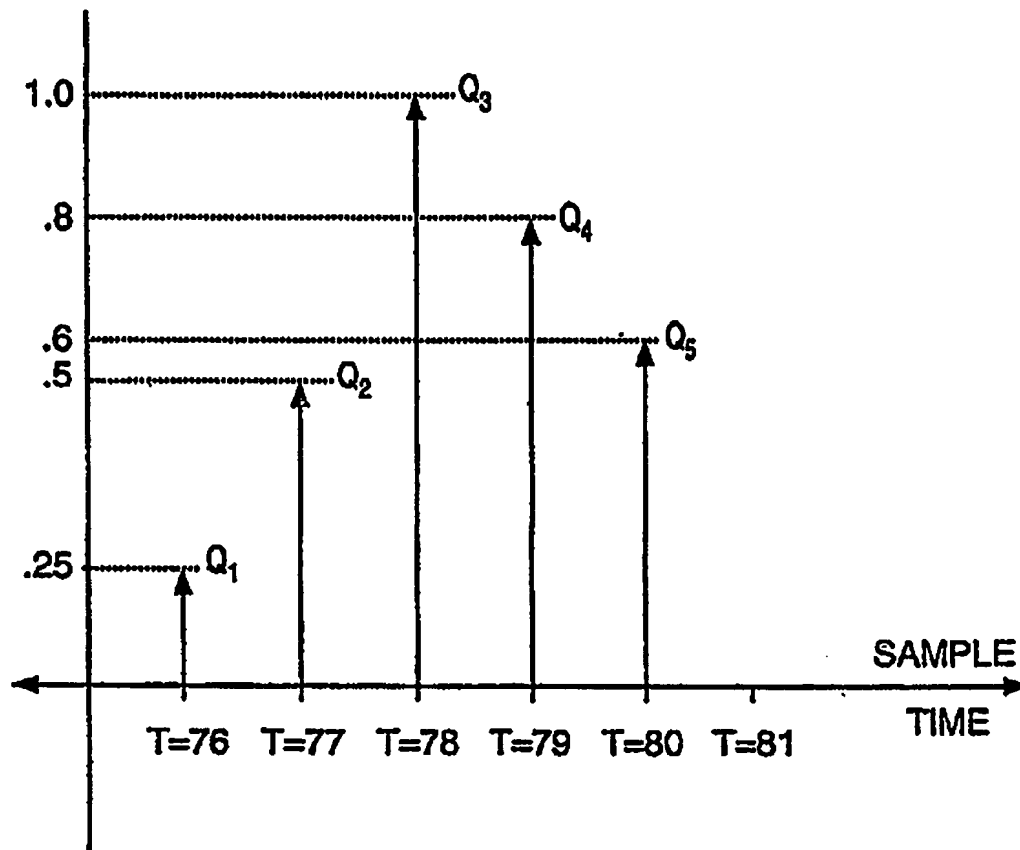


FIG. 7